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Decorative Cladding

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DECORATIVE CLADDING

ABSTRACT

A decorative assembly 10. The assembly 10 includes a timber frame 11 to which there is attached horizontally extending planks 13. The planks 13 overlap and have been
5 positioned between their overlapping portions and edge member 21 adapted to provide a decorative finish for the assembly 10.

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Decorative Cladding

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The following statement is a full description of this invention, including the best method of performing it known to me/us:-

DECORATIVE CLADDING

Technical Field

The present invention relates to the cladding of walls and more particularly but not exclusively to the external cladding of walls using cladding planks.

Background of the Invention

It is common to clad the exterior of buildings by means of cladding planks. These planks are generally applied to a timber or metal frame by means as fasteners such as nails. Typically, the cladding planks are formed of cellulose fibre reinforced cement. However, it should be appreciated that planks of other material may be used.

Previously available planks have suffered from the disadvantage that they are restricted in the appearance that can be provided. Essentially, the planks are generally planar.

Object of the Invention

It is the object of the present invention to overcome or substantially ameliorate least the above disadvantage.

Summary of the Invention

There is disclosed herein a cladding assembly including:

a supporting structure;

at least two elongated generally parallel cladding members attached to the structure so as to be generally horizontally longitudinally extending with overlapping longitudinal edge portions so as to have an inner one of the edge portions adjacent said structure, and an outer one of said edge portions positioned remote from said structure; and

an edge member having an external part positioned adjacent an edge face of said outer edge portion, and an inner part located between the overlapping edge portions.

Preferably, said external part abuts said edge face.

Preferably, said inner part is of a "U" transverse cross section so that at least a portion of said inner edge portion is located within said inner part.

Preferably, said edge member is formed of extruded plastics material.

Brief Description of the Drawings

Preferred forms of the present invention will now be described by way of example with reference to the accompanying drawings wherein:

Figure 1 is a schematic end elevation of a wall frame and cladding members attached thereto together with an edge decorative member;

Figures 2 to 4 schematically depict in end elevation alternative configuration of the edge member of Figure 1;

Figure 5 is a schematic end elevation of a building frame, cladding planks and edge member secured thereto; and

5 Figure 6 is a schematic end elevation of the edge member of Figure 5.

Detailed Description of the Preferred Embodiments

In the accompanying drawings there is schematically depicted a cladding assembly 10 including a timber frame (supporting structure) 11. Typically, the timber frame 11 will include vertical studs 12 arranged at horizontally spaced intervals. Extending
10 between the studs 12 are cladding members in the form of planks 13. In this embodiment the planks 13 are generally planar and have major outer faces 14 and major inner faces 15, together with a top edge face 16 and a bottom edge face 17. The planks 13 are secured to the frame 11 so as to be generally parallel and horizontally extending with overlapping longitudinally extending edge portions 18 and 19. The inner edge portion 18
15 is positioned adjacent the frame 11 while the outer edge portion 19 is positioned remote from the frame 11. Fasteners (nails) 20 pass through the planks 13 to secure the planks 13 to the frame 11.

A decorative edge member 21 is positioned adjacent or abutting the lower edge face 17 of each plank 13 so as to provide a decorative appearance. Each edge member 21 has
20 an external part 22 which is generally visible and which abuts the lower edge face 17 of each plank 13, and an inner part 23. The inner part 23 is at least partly located between overlapping edge portions 18 and 19. More preferably, each inner part 23 is of a "U-shaped" configuration so as to provide a channel within which the inner part 23 is located. Preferably, each inner part 23 includes a base 24 which is arcuate, and a flange 25 which
25 is to abut the frame 11. A further flange 26 is located between the inner edge portion 18 and the outer edge portion 19. The flange 26 has a diverging lip 27 to aid insertion of the inner edge portion 18, while the arcuate configuration of the base 24 allows flexing of the inner part 23 to overcome variations in the thickness of the planks 13.

Each edge member 21 is elongated so as to extend generally the full length of the
30 edge face 17.

As can be seen in Figures 2 to 4 each edge member 21 can have a different profile depending on the decorative appearance required.

Typically, each edge member 21 would be formed of extruded plastics material. However, other materials are contemplated such as aluminium.

In the embodiment of Figure 5, the edge member 21 has a longitudinally extending lip 28 which in cooperation with the flange 26 forms a channel within which the edge face 17 is located.

The claims defining the invention are as follows:

1. A cladding assembly including:
a supporting structure;
at least two elongated generally parallel cladding members attached to the
5 structure so as to be generally horizontally longitudinally extending with overlapping
longitudinal edge portions so as to have an inner one of the edge portions adjacent said
structure, and an outer one of said edge portions positioned remote from said structure;
and
an edge member having an external part positioned adjacent an edge face of said
10 outer edge portion, and an inner part located between the overlapping edge portions.
2. The assembly of Claim 1 wherein said external part abuts said edge
face.
3. The assembly of Claim 1 or 2 wherein said inner part is of a "U"
transverse cross section so that at least a portion of said inner edge portion is located
15 within said inner part.
4. The assembly of Claim 1, 2 or 3 said edge member is formed of
extruded plastics material.
5. A cladding assembly substantially as hereinbefore described with
reference to Figures 1 to 4 or Figures 5 and 6.

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Dated 16 September, 2002
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